

## Listing and Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Currently amended) Method for detecting the orientation of images in a set of captured images representing a similar scene, all the images in said set of captured images containing at least one similar object, wherein the method comprises the steps of:

choosing at least one ~~[[a]]~~ reference image from the set of captured images, the reference image having an orientation that is known *a priori*; ~~and~~

wherein said choosing comprises selecting, for each target image in said set of captured images, a single reference image among a plurality of reference images whose orientations are known *a priori*, wherein said selected reference image is the reference image that has a minimum distance to said target image among the plurality reference images; and

detecting, by a hardware processor, orientation of at least one other ~~said target image of said set of captured images representing the similar scene as a~~ function of the orientation of said selected reference image.

2. (Previously presented) Method according to claim 1, comprising a step of calculating a visual distance between the reference image and the at least one other image.

3. (Previously presented) Method according to claim 2, comprising a step of calculating the visual distance between the at least one other image and the reference image for different orientations of the reference image, wherein the different orientations include the at least one other image and the reference image being provided in a first orientation, the reference image having undergone a rotation of 90 degrees, 180 degrees, and 270 degrees with respect to the first orientation.

4. (Previously presented) Method according to claim 3, comprising a step of determining a subimage in the reference image and a subimage in the at least one other image, the calculation of the visual distance between the at least one other image and the reference image being performed on the respective subimages.
5. (Previously presented) Method according to claim 4, wherein said subimages have the same size.
6. (Previously presented) Method according to claim 4, wherein said subimages are centered with respect to the images in which they are positioned.
7. (Previously presented) Method according to claim 4, wherein said subimages are positioned in such a way that the visual distance between said subimages are minimal.
8. (Cancelled)
9. (Cancelled)
10. (Currently amended) Method according to claim 4, wherein said subimages have a same width to height ratio.